

WHAT IS CLAIMED IS:

1. A telematics system comprising:
 - a web services interface in communication with a secondary system, wherein the web services interface comprises at least one processor configured to at least one of retrieve, receive, analyze and transmit data in response to a request from the secondary system;
 - a gateway system configured to at least one of transmit data through a network to an in-vehicle telematics device and receive data from an in-vehicle telematics device, wherein the data comprises at least one of diagnostic data and location-based data associated with a host vehicle; and
 - a database in communication with the gateway system and the web services interface, wherein the database is configured to receive and store data from at least one of the gateway system and the web services interface.
2. The telematics system of claim 1, wherein derivatives of at least one of the diagnostic data and the location-based data are at least one of stored, retrieved, received, analyzed and transmitted.
3. The telematics system of claim 1, wherein the web services interface is configured to process at least one message, wherein the message is coded in an application-independent format.

4. The telematics system of claim 3, wherein the application-independent format is an Extensible Markup Language format.

5. The telematics system of claim 3, wherein the application-independent format is a simple object access protocol format.

6. The telematics system of claim 1, wherein the at least one processor is configured to process at least one servlet module stored thereon to at least one of:

receive a first message sent through the web services interface from the secondary system;

process the first message;

extract at least one parameter from the first message; and

transmit the at least one parameter to at least one enterprise Java bean.

7. The telematics system of claim 6, wherein the at least one processor is configured to process the at least one enterprise Java bean to communicate with at least one of the database and a web services description language file.

8. The telematics system of claim 7, wherein the at least one enterprise Java bean, which when executed by the processor, causes the processor to at least one of:

extract data from the database;

transmit data to the database;

process the web services description language file;

transmit at least one parameter of the web services description language file to the at least one servlet module; and

transmit data extracted from the database to the at least one servlet module.

9. The telematics system of claim 8, wherein the at least one servlet module, which when executed by the processor, causes the processor to transmit a second message to the secondary system.

10. The telematics system of claim 9, wherein the at least one enterprise Java bean is a stateless session bean.

11. The telematics system of claim 1, wherein the web services interface is configured to transmit at least one of the diagnostic data and the location-based data to the secondary system.

12. The telematics system of claim 11, wherein the web services interface is configured to transmit to the secondary system an Extensible Markup Language message, wherein the Extensible Markup Language message comprises at least one of the diagnostic data and location-based data.

13. The telematics system of claim 11, wherein the web services interface is configured to transmit to the secondary system a simple object access protocol

message, wherein the simple object access protocol message comprises at least one of the diagnostic data and location-based data.

14. A telematics system comprising:

a gateway system configured to receive at least one of diagnostic data and location-based data associated with a host vehicle, wherein the diagnostic data and the location-based data are transmitted from an in-vehicle telematics device;

a web services interface configured to at least one of:

transmit data to at least one of a secondary system and the in-vehicle telematics device and

receive data from at least one of the secondary system and the in-vehicle telematics device; and

a database in communication with the gateway system and the web services interface, wherein the database is configured to receive and store at least one of the diagnostic data and the location-based data, wherein the diagnostic data and the location-based data are transmitted from at least one of the gateway system and the web services interface.

15. The telematics system of claim 14, wherein the data transmitted to the in-vehicle telematics device includes at least one of:

data representing firmware instructions;

data representing software instructions;

a command instructing the in-vehicle telematics device to change data-transmission rates;

a command instructing the in-vehicle telematics device to transmit at least one of the diagnostic data and the location-based data;

a command instructing the in-vehicle telematics device to transmit a status of the in-vehicle telematics device;

a command instructing the in-vehicle telematics device to transmit network properties;

a command instructing the in-vehicle telematics device to transmit global positioning system properties; and

a command instructing the in-vehicle telematics device to transmit vehicle properties.

16. The telematics system of claim 14, wherein the data received from the secondary system describes service records of the host vehicle.

17. The telematics system of claim 16, wherein the secondary system is a data-management system.

18. The telematics system of claim 16, wherein the secondary system is an enterprise resource planning system.

19. The telematics system of claim 16, wherein the service records comprise information describing the host vehicle and at least one service provided to the host vehicle.

20. A method of monitoring and communicating at least one of diagnostic data and location-based data concerning a host vehicle, the method comprising:

at least one of transmitting data to an in-vehicle telematics device and receiving at least one of diagnostic data and location-based data from the in-vehicle telematics device;

receiving a first message from a secondary system;

processing the first message;

storing data in a database;

retrieving data from the database;

processing data;

processing a web services description language file; and

transmitting a second message to the secondary system.

21. An apparatus, comprising:

means for at least one of transmitting data to an in-vehicle telematics device and receiving at least one of diagnostic data and location-based data from the in-vehicle telematics device;

means for receiving a first message from a secondary system;

means for processing the first message;

means for storing data in a database;

means for retrieving data from the database;

means for processing data;

means for processing a web services description language file; and
means for transmitting a second message to the secondary system.

22. A computer readable medium having stored thereon instructions which, when executed by a processor, cause the processor to:

at least one of transmit data to an in-vehicle telematics device and receive at least one of diagnostic data and location-based data from the in-vehicle telematics device;

receive a first message from a secondary system;

process the first message;

store data in a database;

retrieve data from the database;

process data;

process a web services description language file; and

transmit a second message to the secondary system.